4x2 HDMI Switcher

USER MANUAL

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Notice

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INTRODUCTION

Congratulations on your purchase of the ex•tend•it 4x2 HDMI Switcher. Your complete satisfaction is very important to us.

Gefen's line of HDTV switches, extenders, and splitters are designed to make your A/V equipment use more comfortable, more productive and less expensive.

The 4x2 HDMI Switcher allows access to four HDTV devices, using two HDTV displays. Both output displays will have mirrored images. Also included is a SPDIF output that will output the digital audio signal in audio form.

The ex•tend•it line offers solutions for Home Theater, AV installation, data center, information distribution, conference room presentation, school and corporate training environments.

Our Commitment

Gefen will always offer the finest quality product at the best possible price. Included in that price is a lifetime support from a team of outstanding engineers.

The ex•tend•it 4x2 HDMI Switcher allows four HDTV HDMI devices to be switched easily in to two HDTV HDMI compatible monitors or projectors. Simply connect your HDTV displays to the Switcher's display outputs. The 4x2 HDMI Switcher can also be placed at the end of a long HDMI cable to regenerate the HDMI signal.

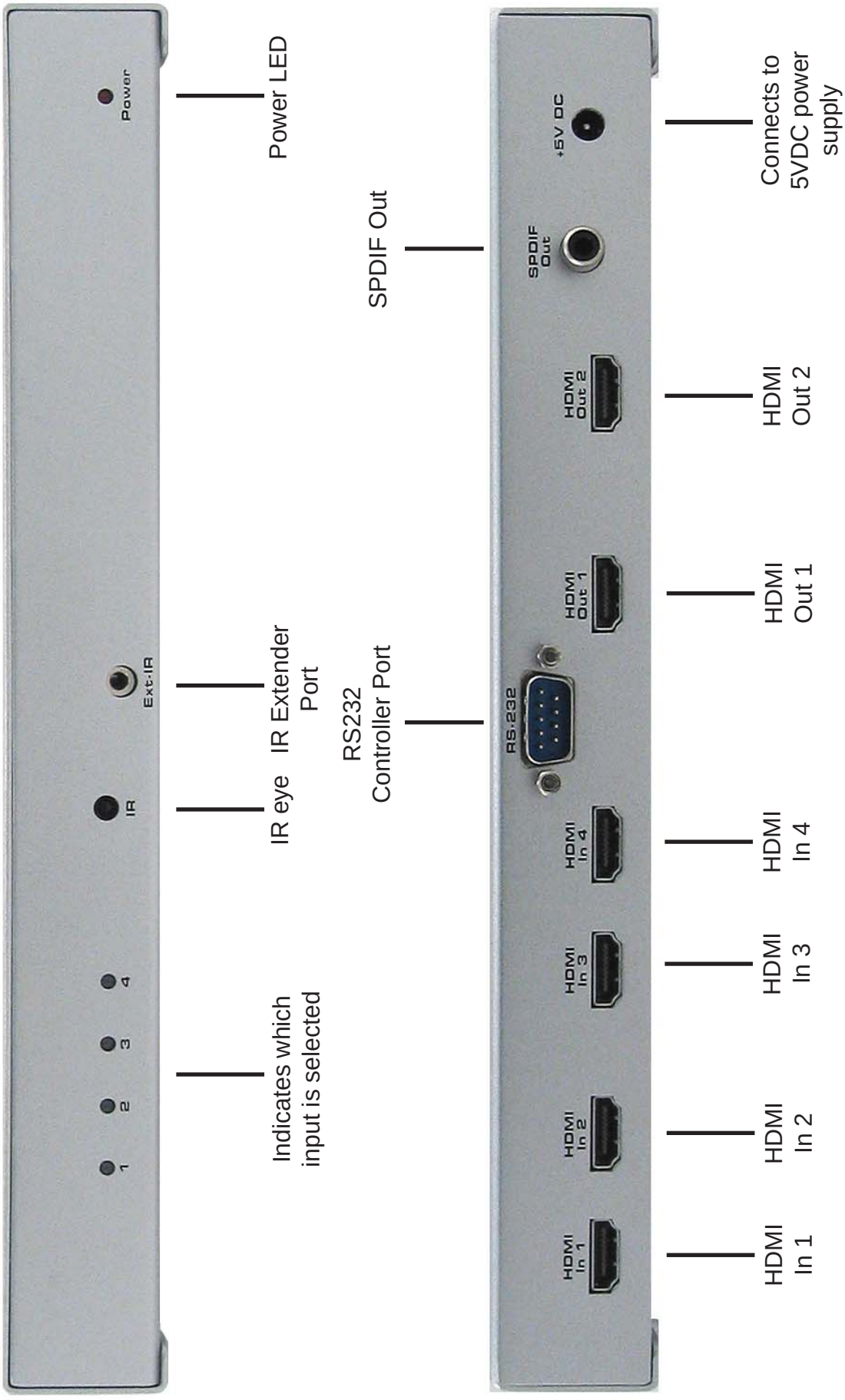
Features

- Switches easily between any four HDMI sources
- Maintains 480i, 480p, 720p, 720i, and 1080i, 1080p resolutions
- Maintains highest HDMI single link video resolution
- Maintains highest HDMI digital audio signal
- Includes SPDIF output for easy hookup to digital audio systems
- Supports HDCP compliant devices
- HDMI or DVI to HDMI cables are used to connect the inputs and switcher output
- Inputs can be switched with the IR remote control, contact closure controller or through the RS232 connector.
- Installs in seconds

Includes:

Four - 6’ HDMI cables (m-m)
5VDC Power Supply
RMT4-IR
The 4x2 HDMI Switcher
Users Manual

PANEL DESCRIPTIONS



How to Connect the 4x2 HDMI Switcher to your devices

1 Connect the supplied cables from the HDTV HDMI sources into the 4x2 HDMI Switcher inputs.

2 Connect the cables from your displays (monitor or projector) into the HDMI outs of the 4x2 HDMI Switcher.

3 Connect any Digital Audio System into the SPDIF OUT of the 4x2 HDMI Switcher

3 Plug the 5VDC power supply into the 4x2 HDMI Switcher.

Note: SPDIF is only enabled if you are using an HDMI source and an HDMI display, otherwise the source goes into DVI mode by reading the DVI display EDID.

How to Control the 4x2 HDMI Switcher

Use the RMT4-IR remote control to toggle between sources.

RMT4-IR Installation

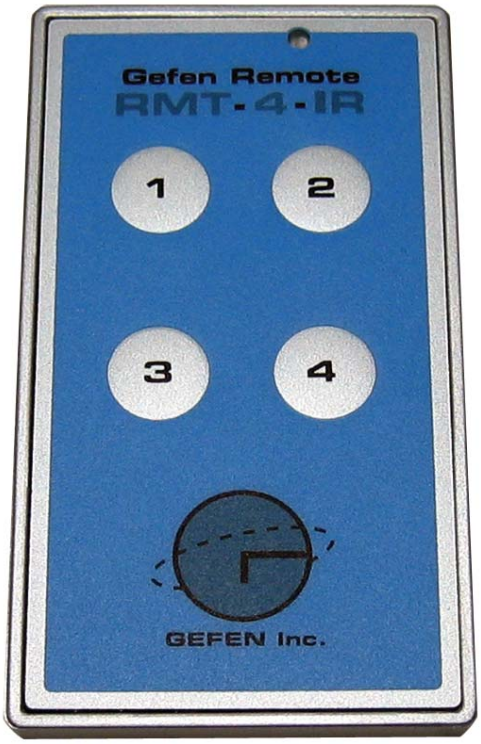
1. Remove battery cover from the back of the RMT4-IR remote.

2. Verify that dip switches 1 & 2 are in the down (OFF) position.

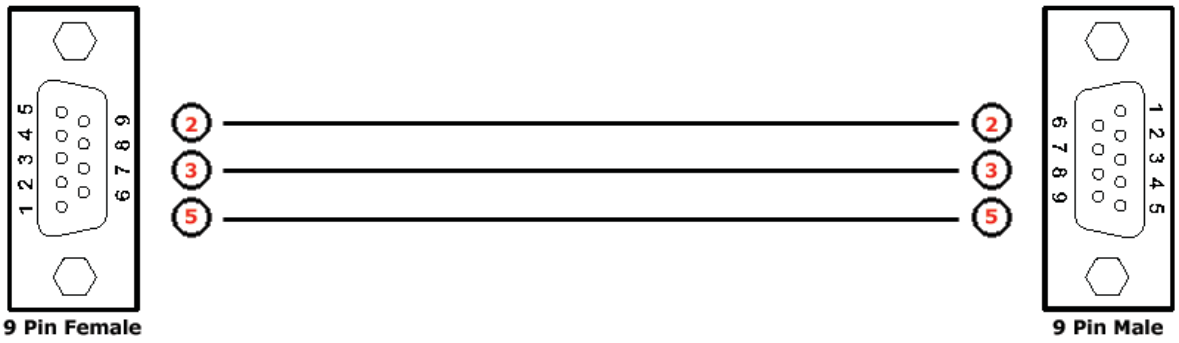
3. Insert the battery, hold the battery so that you can see the positive side facing up. The side that is not marked must be facing down.

4. Test the RMT4-IR remote by pressing ONLY one button at a time. The indicator light on the remote will flash once each time you press a button. WARNING: Do not press multiple buttons simultaneously and do NOT press buttons rapidly. These actions will cause the remote to reset and steps 1-4 will have to be repeated.

Note: The RMT4-IR ships with two batteries. One battery is required for operation, the second battery is complimentary.



The optional IR extender allows you to relocate your HDMI Switcher and still have IR control of the HDMI Switcher



Binary Table

Input	Binary
1	0011 0001
2	0011 0010
3	0011 0011
4	0011 0100

Terminal Settings

Bits per second 19200

Data bits 8

Parity ..... None

Stop bits 1

Flow Control ..... None

SPECIFICATIONS

Video Amplifier Bandwidth ..... 1.65 GHz

Input Video Signal ..... 1.2 volts p-p

Input DDC Signal ..... 5 volts p-p (TTL)

Single Link Range ....1080p / 1920 x 1200

Input Connector Type ..... HDMI

Output Connector Type .....HDMI

Output Audio Connector Type..... S/PDIF

Remote Control Port .....Male RS232

Power Consumption ..... 15 Watts (max.)

Power Supply 5VDC

Dimensions ..... 11.125”W x 1.375”H x 4.125”D

Shipping Weight ..... 6 Lbs

Gefen Inc. warrants the equipment it manufactures to be free from defects in material and workmanship.

If equipment fails because of such defects and Gefen Inc. is notified within one (1) year from the date of shipment, Gefen Inc. will, at its option, repair or replace the equipment, provided that the equipment has not been subjected to mechanical, electrical, or other abuse or modifications.

Equipment that fails under conditions other than those covered will be repaired at the current price of parts and labor in effect at the of repair. Such repairs are warranted for ninety (90) days from the day of reshipment to the Buyer.

This warranty is in lieu of all other warranties expressed or implied, including without limitation, any implied warranty or merchantability or fitness for any particular purpose, all of which are expressly disclaimed.

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EXT-HDMI-442

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